

INTERNATIONAL SEARCH REPORT

Application No

PCT/GB 03/05662

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2003/011635 A1 (HASHA RICHARD ET AL) 16 January 2003 (2003-01-16)</p> <p>abstract paragraph '0005! paragraph '0034! - paragraph '0040! claim 1 figures 1-4,8,9</p>	<p>28-57, 85-106, 109-140, 143,146</p>
A	<p>US 5 428 781 A (DUAULT ET AL) 27 June 1995 (1995-06-27)</p> <p>abstract column 1, line 52 - column 2, line 10</p>	<p>1,58, 107,108, 141,142, 144,145</p>
A	<p>US 5 519 875 A (YOKOYAMA ET AL) 21 May 1996 (1996-05-21) abstract; figure 34 column 2, line 15 - column 3, line 25 column 7, line 11 - line 62 column 9, line 29 - column 10, line 27 column 11, line 44 - column 12, line 60 column 16, line 54 - column 17, line 52</p>	<p>3-7, 60-64</p>
A	<p>US 5 873 083 A (JONES ET AL) 16 February 1999 (1999-02-16)</p> <p>abstract column 2, line 38 - line 56 column 3, line 49 - line 55 column 4, line 26 - column 7, line 32 column 11, line 9 - column 13, line 31 figures 3A,4A,4E,40</p>	<p>1-27, 58-84, 107,108, 141,142, 144,145</p>
A	<p>GRUNDY J ET AL: "Developing adaptable user interfaces for component-based systems". USER INTERFACE CONFERENCE, 2000. AUIC 2000. FIRST AUSTRALASIAN CANBERRA, ACT, AUSTRALIA 31 JAN.-3 FEB. 2000, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 31 January 2000 (2000-01-31), pages 17-25, XP010371175 ISBN: 0-7695-0515-5 abstract page 18, left-hand column, line 1 - right-hand column, line 5</p> <p style="text-align: center;">-/--</p>	<p>45-48, 56,57, 94-97, 105,106, 109-132</p>

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: 7 G06F9/54 G06F9/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/95145 A (SONERA OYJ; KATAIKKO, MIKA; SIITONEN, TOMMI; NISSINEN, ILKKA) 13 December 2001 (2001-12-13)	1-44, 49-55, 58-93, 98-104, 107,108, 133-146
A	the whole document	45-48, 56,57, 94-97, 105,106, 109-132
A	EP 1 215 570 A (PENTAP TECHNOLOGIES AG) 19 June 2002 (2002-06-19)	28-57, 85-106, 109-140, 143,146
	the whole document	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

23 September 2005

Date of mailing of the international search report

16 01 2006

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/078143 A1 (DE BOOR ADAM ET AL) 20 June 2002 (2002-06-20) abstract page 2, right-hand column, line 16 - page 3, left-hand column, line 27 page 33, right-hand column, line 31 - line 63	45-48, 56,57, 94-97, 105,106, 109-132
A	US 2003/193521 A1 (CHEN LILY ET AL) 16 October 2003 (2003-10-16) abstract paragraph '0009! - paragraph '0018! paragraph '0033! paragraph '0044! - paragraph '0048!	133-140
A	EP 1 156 415 A (MICROSOFT CORPORATION) 21 November 2001 (2001-11-21) the whole document	28-57, 85-106

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application No.
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Box I : Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-27,58-84,107,108,141,142,144,145

Message passing from service to service according to the details comprised in the message.

2. claims: 28-57,85-106,109-140,143,146

Generation of a user interface out of data items requested from several source applications.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0195145	A	13-12-2001	AU 5845901 A DE 01931756 T1 EP 1297451 A1 FI 20001352 A	17-12-2001 19-05-2004 02-04-2003 07-12-2001
EP 1215570	A	19-06-2002	NONE	
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